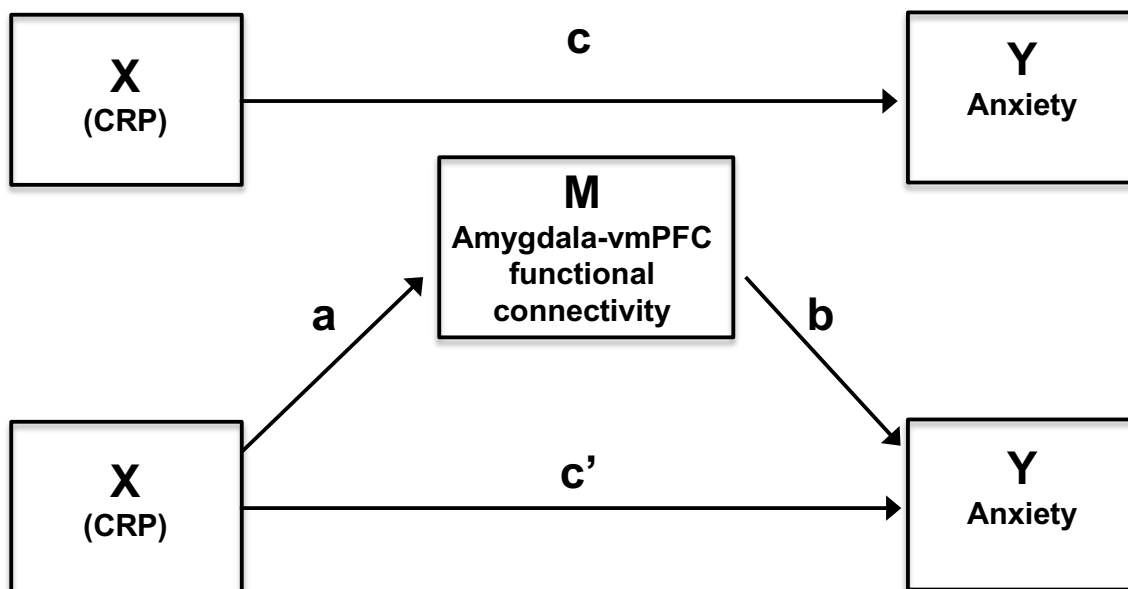


Supplemental Figure 3: Right amygdala to left ventromedial prefrontal cortex (vmPFC) functional connectivity mediated the association between CRP and symptoms of anxiety.



M = Mediator

Amygdala-vmPFC functional connectivity

a = Effect of X on M

⁺B=-0.551, ⁺SE=0.012, p=<0.001

b = Effect of M on Y

⁺B=-0.334, ⁺SE=0.155, p=0.022

c = Overall effect of X on Y (c' + ab)

B=0.315, SE=0.026, p=0.031

c' = Direct effect of X on Y controlling for M (c - ab)

B=0.034, SE=0.031, p=0.273

ab = Indirect effect of X on Y through M (c - c')

B=0.368, SE=0.060, p=0.041

Sobel test: Z=2.152, SE=0.086, p=0.031

⁺ Used in Sobel test. HAM-D = Hamilton Depression Rating Scale, B = beta value, SE = standard error